TEST REPORT

Applicant	:	CSD LLC
Address	:	2124 S GARFIELD RD AIRWAY HEIGHTS WA 99001 9721
Manufacturer	:	CSD LLC
Address	:	2124 S GARFIELD RD AIRWAY HEIGHTS WA 99001 9721
Product Name	:	Bluetooth glasses
Model Number	:	CSD006G, CSD007G, CSD008G, CSD009G, CSD100G, CSD101G, CSD102G, CSD103G, CSD104G, CSD105G, CSD106G, CSD107G, CSD108G, CSD109G, CSD110G
Trademark	:	/
FCC ID	:	2BVWV-CSD006G
Test Date	:	Apr. 27, 2026 – May 08, 2026
Date of Report	:	May 08, 2026
Test Result	:	This device described above has been tested by NTT, and the test results show that the equipment under test (EUT) is in compliance with the Standard requirements. And it is applicable only to the tested sample identified in the report.

Test Procedure Used:

Standards	:	FCC CFR Title 47 Part 15 Subpart C Section 15.247 ANSI C63.10-2020+Cor 1+2023 KDB 558074 D01 15.247 Meas Guidance v05r02

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Abel Yu

Shenzhen NTT Testing Technology Co., Ltd.Special Seal for Inspection and Testing

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Revision History of This Test Report		
Report Number	Description	Issued Date
SZNTT26018506E1-1	Initial Issue	2026-04-30

1. General Information

1.1. Description of Device (EUT)

EUT Name	:	Bluetooth glasses
Model No.	:	CSD006G, CSD007G, CSD008G, CSD009G, CSD100G, CSD101G, CSD102G, CSD103G, CSD104G, CSD105G, CSD106G, CSD107G, CSD108G, CSD109G, CSD110G
Model Difference	:	All the same except the model name.
Power supply	:	DC 5V from adapter input AC 120V60Hz or DC 3.8V from internal battery
Operation frequency	:	2402-2480MHz
Modulation	:	GFSK, Π/4-DQPSK, 8DPSK
Antenna Type	:	Chip antenna, Maximum Gain is 3.56 dBi
Intend use environment	:	Residential, commercial and light industrial environment

1.2. Channel List

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	1	2403	2	2404	3	2405
4	2406	5	2407	6	2408	7	2409
8	2410	9	2411	10	2412	11	2413
12	2414	13	2415	14	2416	15	2417
16	2418	17	2419	18	2420	19	2421
20	2422	21	2423	22	2424	23	2425
24	2426	25	2427	26	2428	27	2429
28	2430	29	2431	30	2432	31	2433
32	2434	33	2435	34	2436	35	2437
36	2438	37	2439	38	2440	39	2441
40	2442	41	2443	42	2444	43	2445
44	2446	45	2447	46	2448	47	2449
48	2450	49	2451	50	2452	51	2453
52	2454	53	2455	54	2456	55	2457
56	2458	57	2459	58	2460	59	2461
60	2462	61	2463	62	2464	63	2465
64	2466	65	2467	66	2468	67	2469
68	2470	69	2471	70	2472	71	2473
72	2474	73	2475	74	2476	75	2477
76	2478	77	2479	78	2480	-	-

1.3. Summary of test result

RF PART		
Test Items	**Test Requirement**	**Result**
Radiated Spurious Emissions	15.205(a) 15.209 15.247(d)	PASS
Band edge	15.247(d) 15.205(a)	PASS
Conduct Emission	15.207	PASS
20dB Bandwidth 99% Occupied Bandwidth	15.247(a)(1)	PASS
Maximum Peak Output Power	15.247(b)(1)	PASS
Frequency Separation	15.247(a)(1)	PASS
Number of Hopping Frequency	15.247(a)(1)(iii)	PASS
Dwell time	15.247(a)(1)(iii)	PASS
Antenna Requirement	15.203	PASS
Remark: N/A is an abbreviation for Not Applicable. Measurement Uncertainty is not taken into account for conformity statement		

1.4. Special Accessories and Auxiliary Equipment

Description	Manufacturer	Model No.	Hardware Version	Software Version
Adapter	XIAOMI	MDY-12-EF	/	/
USB serial port	/	/	/	/
PC	ASUS	U1	/	/

1.5. Test mode

The special RF test software was used to control EUT work in Continuous BT TX mode, and select test channel, wireless mode.

Test mode	Low channel	Middle channel	High channel
GFSK	2402MHz	2441MHz	2480MHz
Π/4-DQPSK	2402MHz	2441MHz	2480MHz
8DPSK	2402MHz	2441MHz	2480MHz
Note：Only the worst Data DH1/2DH1 Record in the report			

1.6. Test configuration

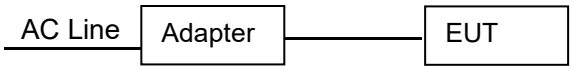
Transmitting mode	Keep the EUT in continuously transmitting mode.
Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.	

Test Software	Esp RF Test Tool_v4.7

Power level setup	0 dBm

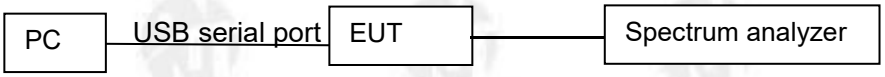
1.7. Block Diagram

Conducted Emission



Radiated Emission

RF Conducted Test



1.8. Test Conditions

Category	Normal Conditions	Extreme Conditions
Temperature range	15-35℃	N/A
Humidity range	20-75%	N/A
Pressure range	86-106kPa	N/A
Power supply	DC 5V or Battery DC 3.8V	N/A
Note: N/A is an abbreviation for Not Applicable.		

1.9. Measurement Uncertainty (95% confidence levels, k=2)

Parameter	**Uncertainty**
RF output power, conducted	±1.0dB
Power Spectral Density, conducted	±2.2dB
Radio Frequency	± 1 x 10-6
Bandwidth	± 1.5 x 10-6
Time	±2%
Duty Cycle	±2%
Temperature	±1°C
Humidity	±5%
DC and low frequency voltages	±3%
Conducted Emissions (150kHz~30MHz)	±3.64dB
Radiated Emission(9KHz~30MHz)	±4.51dB

Radiated Emission(30MHz~1GHz)	±5.03dB
Radiated Emission(1GHz~25GHz)	±4.74dB
Remark:When making a conformity declaration based on test results for regulations/standards or specifications,the default is to use Clause 4.2.1of ILAC-G8:09/2019 and the guidelines on decision rules and conformity declaration in IEC Guide 115:2023.	

1.10. Test Facility

Site Description		
Name of Firm	:	Shenzhen NTT Testing Technology Co.,Ltd.
Site Location	:	1B, Building 2, Factory Building & 103, Building 3, Factory Building, Dayang Industrial Park, No.4, Industrial Avenue, Tangwei Community, Fuhai Sub-district, Bao 'an District, Shenzhen City, Guangdong, China
FCC Designation Number	:	CN3446
FCC Test Firm Registration Number	:	129414

1.11. Test Equipment

Conducted Test Site

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
944 Shielded Room	HSRCE944	/	HTEC	2025/4/30	2028/4/29
EMI Test Receiver	ESPI	/	RS	2025/9/8	2026/9/7
LISN	NNLK 8129	00603	Schwarzbeck	2025/9/8	2026/9/7
LISN	NNHV 8123-400	00694	Schwarzbeck	2025/9/8	2026/9/7
LISN	NNHV 8123-400	00680	Schwarzbeck	2025/9/8	2026/9/7
Cable	RG223-1500MM	NA	RG	2025/9/8	2026/9/7

Radiated Test Site(Below 1G and Above 1G)&RF Test Site

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
966 Shielded Room	966 Room	/	EMToni	2025/7/24	2028/7/23
EMI Test Receiver	ESCI	101018	RS	2025/9/8	2026/9/7
Amplifi （30MHz-1GHz）	BBV 9718D	00042	SCHWARZBECK	2025/9/8	2026/9/7
Bilog Antenna （30MHz-1GHz）	VULB9168	1858	SCHWARZBECK	2025/9/9	2026/9/8
Horn antenna （1GHz-18GHz）	BBHA 9120 D	02622	SCHWARZBECK	2025/9/9	2026/9/8
Pream plifier （1GHz-18GHz）	BBV 9718D	0024	SCHWARZBECK	2025/9/8	2026/9/7
Spectrum Analyze （10Hz-40GHz）	FSV 40	100952	Rohde & Schwarz	2025/9/8	2026/9/7
Pream plifier （18GHz-40GHz）	BBV 9721	0056	SCHWARZBECK	2025/9/8	2026/9/7
Double Ridge Guide Horn Antenna （18GHz-40GHz）	SAS-574	588	A.H.System	2025/9/8	2026/9/7
Loop Antenna (9KHz-30MHz)	FMZB1519B	014	SCHWARZBECK	2025/9/8	2026/9/7
Amplifier (9KHz-30MHz)	CVP 9222 C	00109	SCHWARZBECK	2025/9/8	2026/9/7
MXG Signal Analyzer	N9020A	MY50510202	Agilent	2025/9/8	2026/9/7

MXG Vector Signal Generator	N5182A	MY50140020	Agilent	2025/9/8	2026/9/7
MXG Analog Signal Generator	N5181A	MY47420919	Agilent	2025/9/8	2026/9/7
Power Sensor	TR1029-2	512364	Techoy	2025/9/8	2026/9/7
RF Swith	TR1029-1	512364	Techoy	2025/9/8	2026/9/7
Cable	DA800-4000MM	NA	DA	2025/9/8	2026/9/7
Cable	DA800-11000MM	NA	DA	2025/9/8	2026/9/7

Test software

Item	Name	Manufacturer	Model	Software version
1	EMC Conduction Test System	FALA	EZ-EMC	Ver.EMC-CON 3A1.1+
2	EMC radiation test system	FALA	EZ-EMC	Ver.FA-03A2 RE+
3	RF test system	TACHOY	RFTest	V1.0.0
4	RF communication test system	TACHOY	RFTest	V1.0.0

2. Conducted emission at the mains terminals test

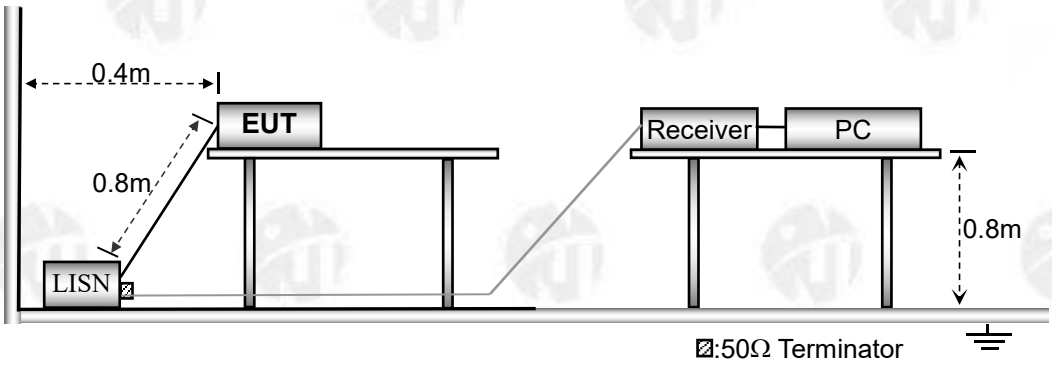
2.1. Limit

Test Requirement:	FCC Part15 C Section 15.207
Test Method:	ANSI C63.10-2020+Cor 1+2023
Test Frequency Range:	150KHz to 30MHz
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*
0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

2.2. Test Setup

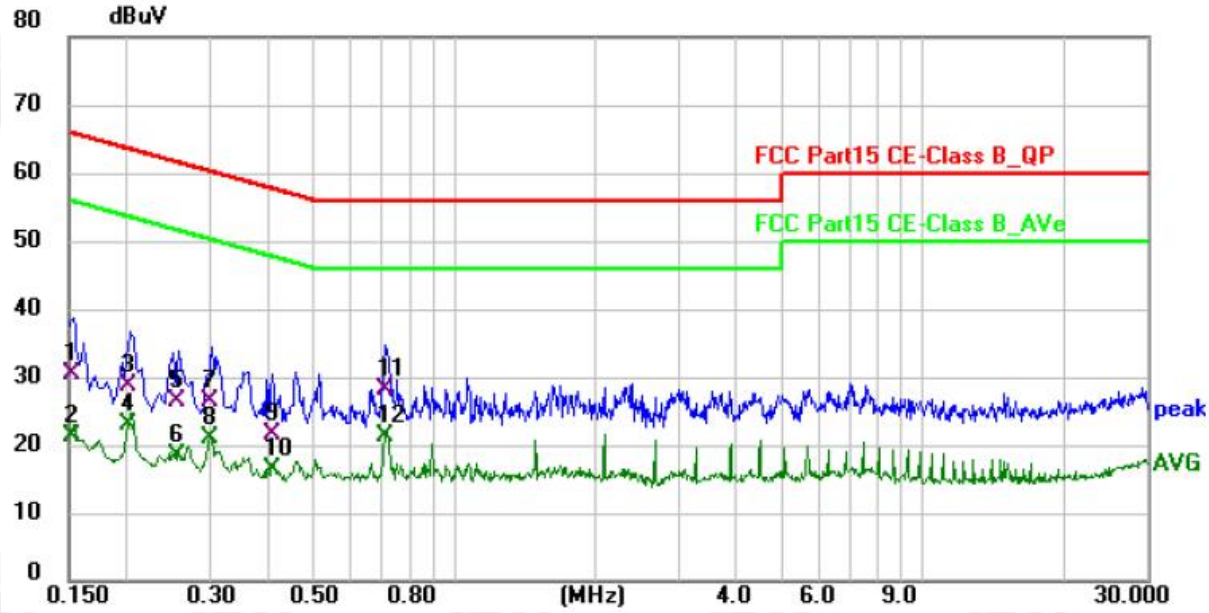


2.3. Test Procedure

1. The EUT was placed 0.1 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
2. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
3. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
4. LISN at least 80 cm from nearest part of EUT chassis.
5.For the actual test configuration, please refer to the related Item – EUT Test Photos.

2.4. Test Result

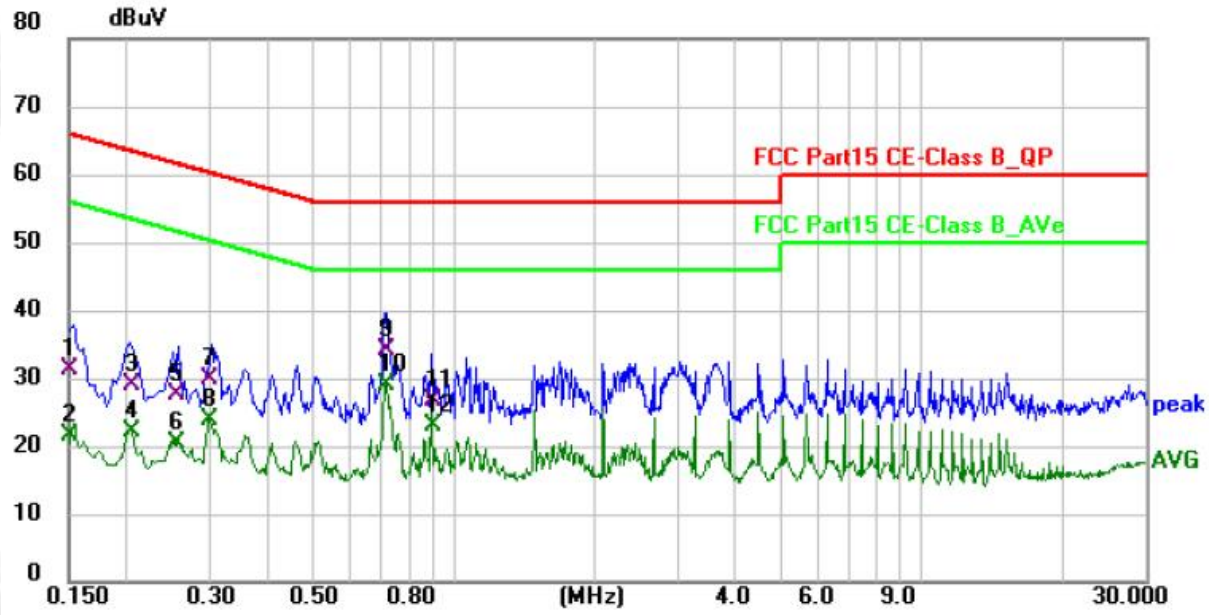
Conducted Emission At The Mains Terminals Test Data			
Temperature:	25.1℃	Relative Humidity:	56%
Pressure:	1008hPa	Phase :	Line
Test Voltage :	DC 5V from Adapter Input AC 120V/60Hz	Test Mode:	GFSK(CH00)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1516	10.98	19.56	30.54	65.91	-35.37	QP
2	0.1516	1.83	19.56	21.39	55.91	-34.52	AVG
3	0.2012	9.23	19.62	28.85	63.56	-34.71	QP
4	0.2012	3.41	19.62	23.03	53.56	-30.53	AVG
5	0.2564	7.00	19.55	26.55	61.55	-35.00	QP
6	0.2564	-1.15	19.55	18.40	51.55	-33.15	AVG
7	0.2986	6.97	19.37	26.34	60.28	-33.94	QP
8	0.2986	1.73	19.37	21.10	50.28	-29.18	AVG
9	0.4065	2.14	19.36	21.50	57.72	-36.22	QP
10	0.4065	-2.93	19.36	16.43	47.72	-31.29	AVG
11	0.7139	8.66	19.45	28.11	56.00	-27.89	QP
12 *	0.7139	1.83	19.45	21.28	46.00	-24.72	AVG

Note:
1. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
2. Margin = Reading level + Correct Factor - Limit
3. All the modes have tested and recorded the worst mode(GFSK) in the report

Conducted Emission At The Mains Terminals Test Data			
Temperature:	25.1℃	Relative Humidity:	56%
Pressure:	1008hPa	Phase :	Neutral
Test Voltage :	DC 5V from Adapter Input AC 120V/60Hz	Test Mode:	GFSK(CH00)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1508	11.73	19.50	31.23	65.96	-34.73	QP
2	0.1508	1.95	19.50	21.45	55.96	-34.51	AVG
3	0.2040	9.47	19.52	28.99	63.45	-34.46	QP
4	0.2040	2.53	19.52	22.05	53.45	-31.40	AVG
5	0.2565	8.02	19.50	27.52	61.54	-34.02	QP
6	0.2565	1.04	19.50	20.54	51.54	-31.00	AVG
7	0.2994	10.21	19.54	29.75	60.26	-30.51	QP
8	0.2994	4.18	19.54	23.72	50.26	-26.54	AVG
9	0.7203	14.68	19.50	34.18	56.00	-21.82	QP
10 *	0.7203	9.62	19.50	29.12	46.00	-16.88	AVG
11	0.8957	7.22	19.55	26.77	56.00	-29.23	QP
12	0.8957	3.32	19.55	22.87	46.00	-23.13	AVG

Note:
1. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
2. Margin = Reading level + Correct Factor - Limit
3. All the modes have tested and recorded the worst mode(GFSK) in the report

3. Radiated Spurious Emissions

3.1. Limit

Test Requirement: FCC CFR47 Part 15 Section 15.209 & 15.247
Test Method: KDB 558074 D01 15.247 Meas Guidance v05 August 24, 2018; ANSI C63.10-2020+Cor 1+2023
Test Result: PASS
Measurement Distance: 3m

Frequency	Detector	RBW	VBW	Value
9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

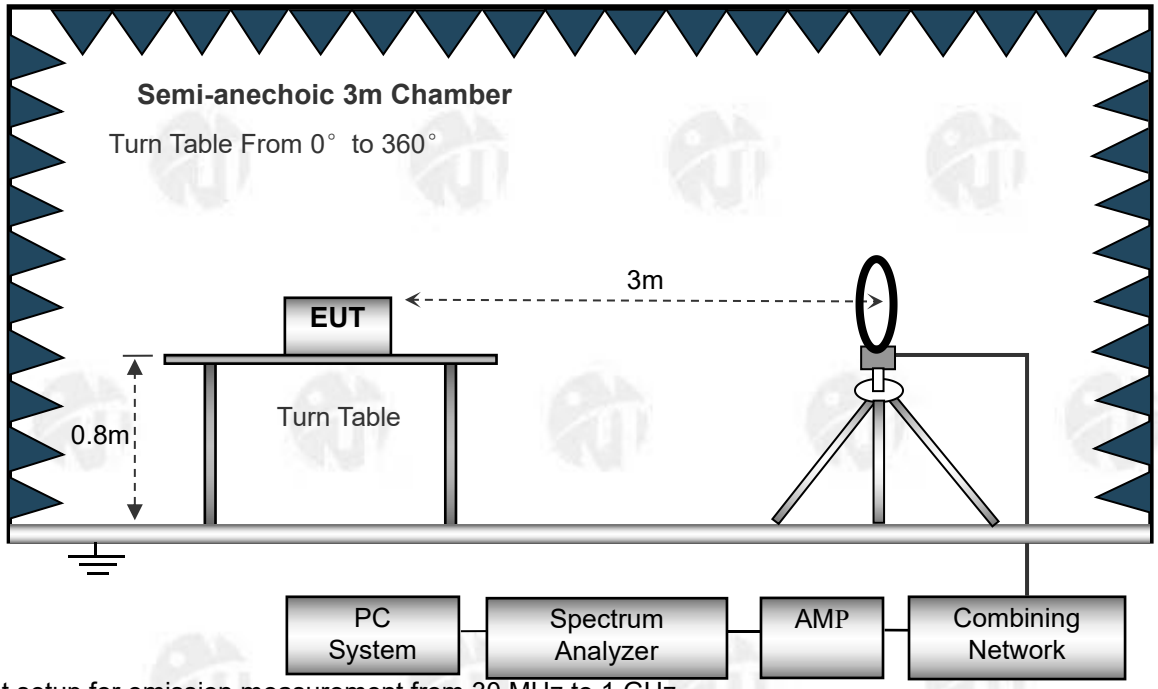
Limit:

Frequency (MHz)	Field Strength		Field Strength Limit at 3m Measurement Dist	
	uV/m	Distance (m)	uV/m	dBuV/m
0.009 ~ 0.490	2400/F(kHz)	300	10000 * 2400/F(kHz)	20log(2400/F(kHz)) + 80
0.490 ~ 1.705	24000/F(kHz)	30	100 * 24000/F(kHz)	20log(24000/F(kHz)) + 40
1.705 ~ 30	30	30	100 * 30	20log(30) + 40
30 ~ 88	100	3	100	20log(100)
88 ~ 216	150	3	150	20log(150)
216 ~ 960	200	3	200	20log(200)
Above 960	500	3	500	20log(500)

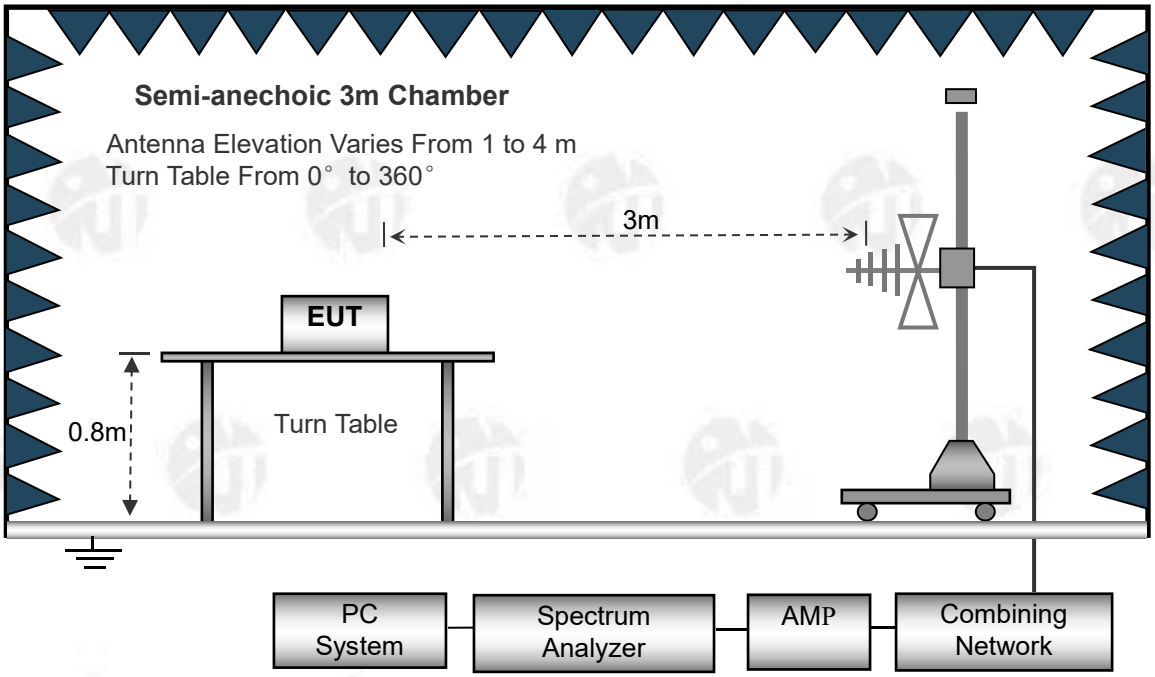
3.2. Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site, using the setup accordance with the ANSI C63.10.

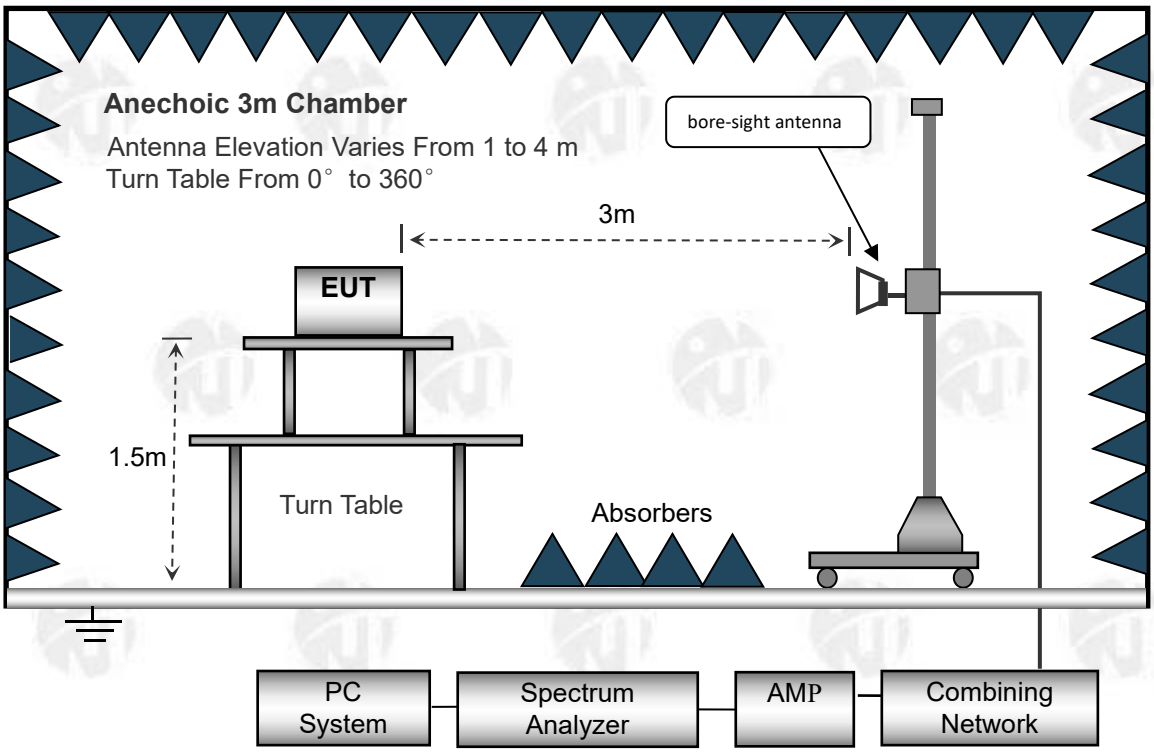
The test setup for emission measurement below 30MHz.

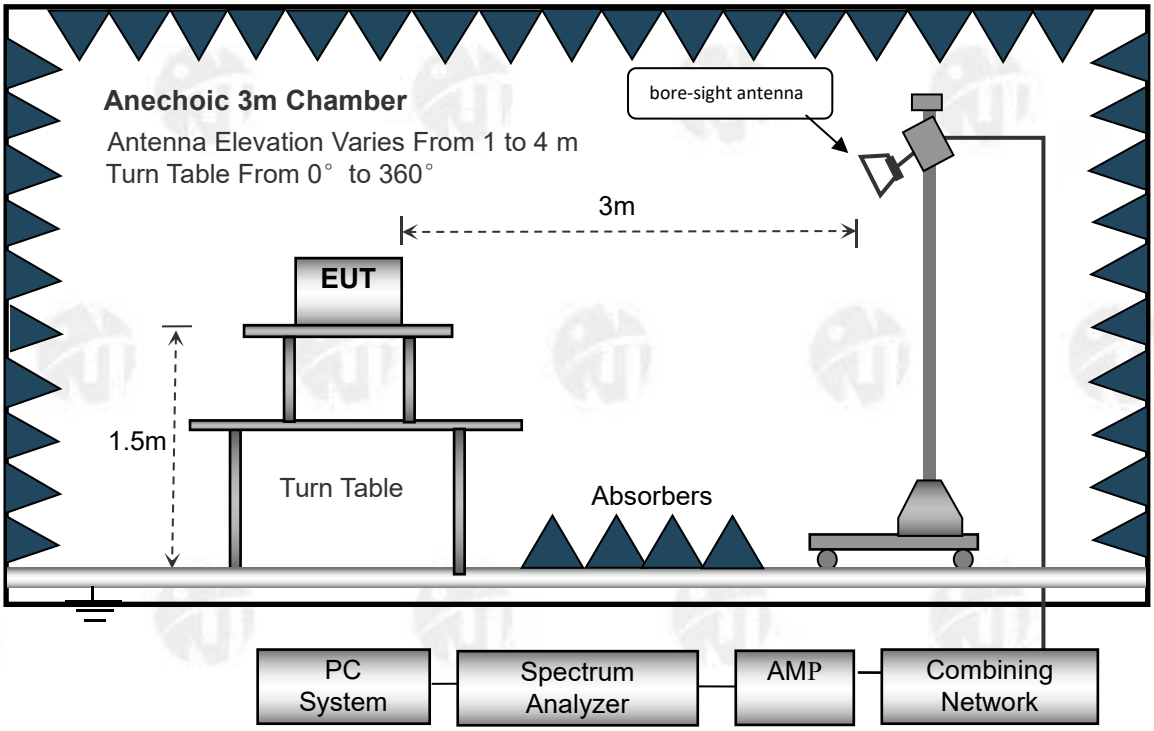


The test setup for emission measurement from 30 MHz to 1 GHz.



The test setup for emission measurement above 1 GHz.


Anechoic 3m Chamber
Antenna Elevation Varies From 1 to 4 m
Turn Table From 0° to 360°
bore-sight antenna
3m
EUT
1.5m
Turn Table
Absorbers
PC System
Spectrum Analyzer
AMP
Combining Network


Anechoic 3m Chamber
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Turn Table From 0° to 360°
bore-sight antenna
3m
EUT
1.5m
Turn Table
Absorbers
PC System
Spectrum Analyzer
AMP
Combining Network

3.3. Test Procedure

1. The EUT is placed on a turntable, which is 0.8m above ground plane for below 1GHz and 1.5m for above 1GHz.

2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.

3. EUT is set 3m away from the receiving antenna, which is moved from 1m to 4m to find out the maximum emissions.

4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.

5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.

6. Repeat above procedures until the measurements for all frequencies are complete.

7. The radiation measurements are performed in X,Y and Z axis positioning(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand),the worst condition was tested putting the eut in Z axis,so the worst data were shown as follow.

8. A 2.4GHz high – pass filter is used druing radiated emissions above 1GHz measurement.

3.4. Test Result

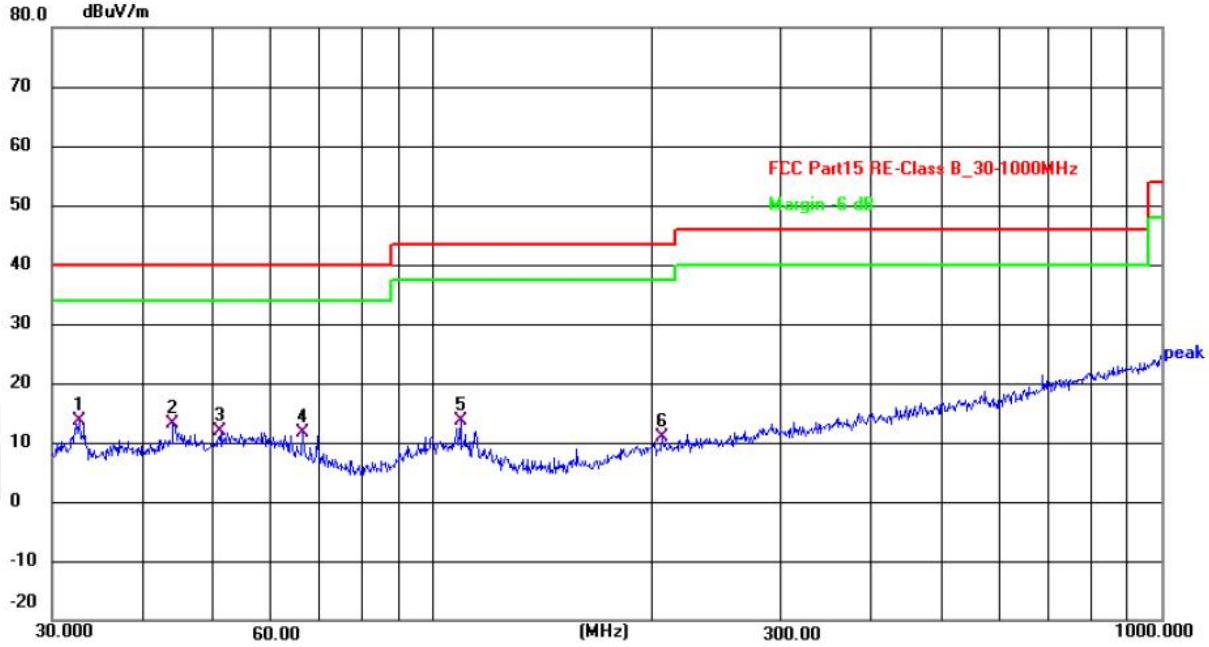
Test Frequency: 9KHz~30MHz

The measurements were more than 20 dB below the limit and not reported.

Test Frequency : 30MHz ~ 1GHz

Left ear headphones:

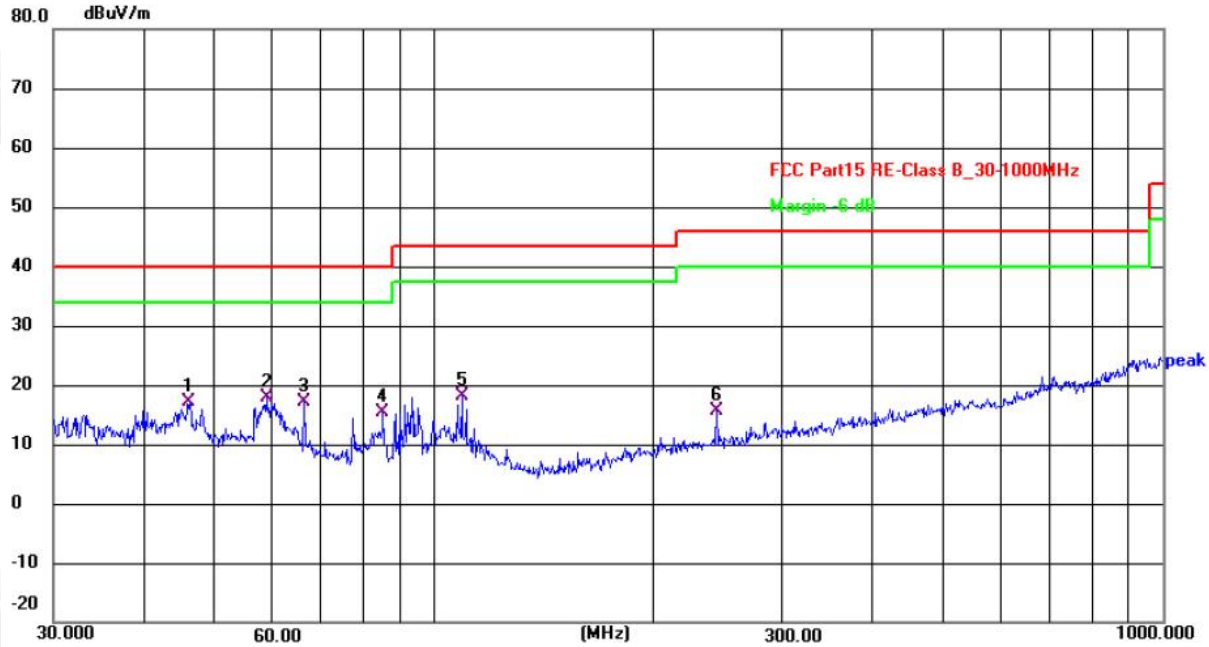
Radiation Emission Test Data			
Temperature:	25.1˚C	Relative Humidity:	56%
Pressure:	1008hPa	Phase :	Horizontal
Test Voltage :	DC 3.8V	Test Mode	GFSK(CH00)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	32.6340	29.88	-16.35	13.53	40.00	-26.47	QP
2	43.9658	27.53	-14.47	13.06	40.00	-26.94	QP
3	51.1209	26.17	-14.31	11.86	40.00	-28.14	QP
4	66.2662	28.67	-16.95	11.72	40.00	-28.28	QP
5	109.0286	29.27	-15.70	13.57	43.50	-29.93	QP
6	206.3976	27.04	-16.18	10.86	43.50	-32.64	QP

Note:
1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
Emission Level = Reading + Factor
Margin=Emission Level-Limit
2. All the modes have tested and recorded the worst mode(GFSK) in the report

Radiation Emission Test Data			
Temperature:	25.1℃	Relative Humidity:	56%
Pressure:	1008hPa	Phase :	Vertical
Test Voltage :	DC 3.8V	Test Mode	GFSK(CH00)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	46.1779	31.40	-14.30	17.10	40.00	-22.90	QP
2	58.8185	32.70	-14.92	17.78	40.00	-22.22	QP
3	66.2661	34.13	-16.95	17.18	40.00	-22.82	QP
4	84.9993	34.60	-19.17	15.43	40.00	-24.57	QP
5	109.0286	33.78	-15.70	18.08	43.50	-25.42	QP
6	244.2321	30.77	-15.04	15.73	46.00	-30.27	QP

Note:
1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
Emission Level = Reading + Factor
Margin=Emission Level-Limit
2. All the modes have tested and recorded the worst mode(GFSK) in the report

Left ear headphones:

GFSK

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel:2402MHz									
V	4804.00	47.36	34.12	5.03	32.39	50.66	74.00	-23.34	Pk
V	4804.00	38.18	34.12	5.03	32.39	41.48	54.00	-12.52	AV
V	7206.00	45.04	32.54	6.29	35.86	54.65	74.00	-19.35	Pk
V	7206.00	36.60	32.54	6.29	35.86	46.21	54.00	-7.79	AV
V	9608.00	46.58	32.98	7.55	38.40	59.55	74.00	-14.45	Pk
V	9608.00	31.78	32.98	7.55	38.40	44.75	54.00	-9.25	AV
V	12010.00	44.32	32.09	8.93	39.00	60.16	74.00	-13.84	Pk
V	12010.00	30.06	32.09	8.93	39.00	45.90	54.00	-8.10	AV
H	4804.00	47.61	34.12	5.03	32.39	50.91	74.00	-23.09	Pk
H	4804.00	37.39	34.12	5.03	32.39	40.69	54.00	-13.31	AV
H	7206.00	46.86	32.54	6.29	35.86	56.47	74.00	-17.53	Pk
H	7206.00	35.99	32.54	6.29	35.86	45.60	54.00	-8.40	AV
H	9608.00	45.43	32.98	7.55	38.40	58.40	74.00	-15.60	Pk
H	9608.00	32.41	32.98	7.55	38.40	45.38	54.00	-8.62	AV
H	12010.00	39.04	32.09	8.93	39.00	54.88	74.00	-19.12	Pk
H	12010.00	29.50	32.09	8.93	39.00	45.34	54.00	-8.66	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Middle Channel:2441MHz									
V	4882.00	48.94	34.07	5.09	32.59	52.55	74.00	-21.45	Pk
V	4882.00	37.66	34.07	5.09	32.59	41.27	54.00	-12.73	AV
V	7323.00	45.86	32.63	6.34	35.96	55.53	74.00	-18.47	Pk
V	7323.00	32.88	32.63	6.34	35.96	42.55	54.00	-11.45	AV
V	9764.00	41.55	32.92	7.59	38.40	54.62	74.00	-19.38	Pk
V	9764.00	26.18	32.92	7.59	38.40	39.25	54.00	-14.75	AV
V	12205.00	36.48	31.96	8.88	39.04	52.44	74.00	-21.56	Pk
V	12205.00	27.44	31.96	8.88	39.04	43.40	54.00	-10.60	AV
H	4882.00	46.17	34.07	5.09	32.59	49.78	74.00	-24.22	Pk
H	4882.00	38.47	34.07	5.09	32.59	42.08	54.00	-11.92	AV
H	7323.00	43.27	32.63	6.34	35.96	52.94	74.00	-21.06	Pk
H	7323.00	31.02	32.63	6.34	35.96	40.69	54.00	-13.31	AV
H	9764.00	37.88	32.92	7.59	38.40	50.95	74.00	-23.05	Pk
H	9764.00	29.62	32.92	7.59	38.40	42.69	54.00	-11.31	AV
H	12205.00	37.58	31.96	8.88	39.04	53.54	74.00	-20.46	Pk
H	12205.00	26.84	31.96	8.88	39.04	42.80	54.00	-11.20	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
High Channel:2480MHz									
V	4960.00	47.60	34.02	5.15	32.80	51.53	74.00	-22.47	Pk
V	4960.00	37.45	34.02	5.15	32.80	41.38	54.00	-12.62	AV
V	7440.00	43.96	32.71	6.40	36.05	53.70	74.00	-20.30	Pk
V	7440.00	31.54	32.71	6.40	36.05	41.28	54.00	-12.72	AV
V	9920.00	40.97	32.86	7.62	38.40	54.13	74.00	-19.87	Pk
V	9920.00	30.10	32.86	7.62	38.40	43.26	54.00	-10.74	AV
V	12400.00	39.67	31.82	8.84	39.08	55.77	74.00	-18.23	Pk
V	12400.00	28.64	31.82	8.84	39.08	44.74	54.00	-9.26	AV
H	4960.00	46.54	34.02	5.15	32.80	50.47	74.00	-23.53	Pk
H	4960.00	37.46	34.02	5.15	32.80	41.39	54.00	-12.61	AV
H	7440.00	46.70	32.71	6.40	36.05	56.44	74.00	-17.56	Pk
H	7440.00	32.02	32.71	6.40	36.05	41.76	54.00	-12.24	AV
H	9920.00	42.78	32.86	7.62	38.40	55.94	74.00	-18.06	Pk
H	9920.00	28.98	32.86	7.62	38.40	42.14	54.00	-11.86	AV
H	12400.00	38.09	31.82	8.84	39.08	54.19	74.00	-19.81	Pk
H	12400.00	26.36	31.82	8.84	39.08	42.46	54.00	-11.54	AV

Note: 1. The testing has been conformed to 10*2480MHz=24800MHz.
2. All other emissions more than 30dB below the limit.
3. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
Emission Level = Reading + Factor
Margin=Emission Level-Limit
4. All the modes have tested and recorded the worst mode(GFSK) in the report

Radiated Band Emission Measurement:

	Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type
GFSK	Low Channel: 2402MHz									
	H	2390	57.58	35.17	3.48	27.49	53.38	74.00	-20.62	PK
	H	2390	50.19	35.17	3.48	27.49	45.99	54.00	-8.01	AV
	H	2400	59.51	35.16	3.49	27.52	55.36	74.00	-18.64	PK
	H	2400	49.38	35.16	3.49	27.52	45.23	54.00	-8.77	AV
	V	2390	57.48	35.17	3.48	27.49	53.28	74.00	-20.72	PK
	V	2390	49.83	35.17	3.48	27.49	45.63	54.00	-8.37	AV
	V	2400	60.00	35.16	3.49	27.52	55.85	74.00	-18.15	PK
	V	2400	50.16	35.16	3.49	27.52	46.01	54.00	-7.99	AV
	High Channel: 2480MHz									
	H	2483.5	58.19	35.11	3.56	27.75	54.39	74.00	-19.61	PK
	H	2483.5	48.51	35.11	3.56	27.75	44.71	54.00	-9.29	AV
	H	2500	59.25	35.10	3.57	27.80	55.52	74.00	-18.48	PK
	H	2500	50.00	35.10	3.57	27.80	46.27	54.00	-7.73	AV
	V	2483.5	58.29	35.11	3.56	27.75	54.49	74.00	-19.51	PK
	V	2483.5	49.77	35.11	3.56	27.75	45.97	54.00	-8.03	AV
	V	2500	58.31	35.10	3.57	27.80	54.58	74.00	-19.42	PK

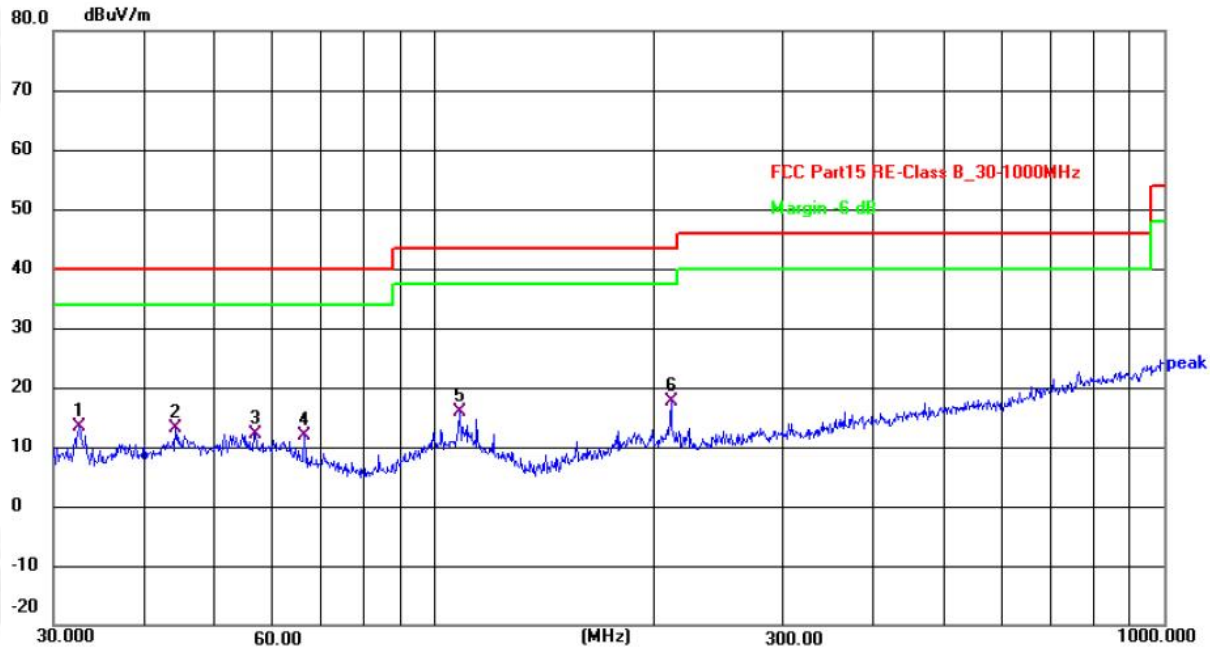
	V	2500	49.99	35.10	3.57	27.80	46.26	54.00	-7.74	AV
π/4-DQPSK	Low Channel: 2402MHz									
	H	2390	58.12	35.17	3.48	27.49	53.92	74.00	-20.08	PK
	H	2390	49.52	35.17	3.48	27.49	45.32	54.00	-8.68	AV
	H	2400	59.90	35.16	3.49	27.52	55.75	74.00	-18.25	PK
	H	2400	49.61	35.16	3.49	27.52	45.46	54.00	-8.54	AV
	V	2390	58.12	35.17	3.48	27.49	53.92	74.00	-20.08	PK
	V	2390	49.66	35.17	3.48	27.49	45.46	54.00	-8.54	AV
	V	2400	59.86	35.16	3.49	27.52	55.71	74.00	-18.29	PK
	V	2400	49.80	35.16	3.49	27.52	45.65	54.00	-8.35	AV
	High Channel: 2480MHz									
	H	2483.5	57.99	35.11	3.56	27.75	54.19	74.00	-19.81	PK
	H	2483.5	49.05	35.11	3.56	27.75	45.25	54.00	-8.75	AV
	H	2500	59.10	35.10	3.57	27.80	55.37	74.00	-18.63	PK
	H	2500	49.97	35.10	3.57	27.80	46.24	54.00	-7.76	AV
	V	2483.5	58.44	35.11	3.56	27.75	54.64	74.00	-19.36	PK
	V	2483.5	50.20	35.11	3.56	27.75	46.40	54.00	-7.60	AV
	V	2500	58.80	35.10	3.57	27.80	55.07	74.00	-18.93	PK
	V	2500	50.02	35.10	3.57	27.80	46.29	54.00	-7.71	AV
8DPSK	Low Channel: 2402MHz									
	H	2390	58.36	35.17	3.48	27.49	54.16	74.00	-19.84	PK
	H	2390	50.19	35.17	3.48	27.49	45.99	54.00	-8.01	AV
	H	2400	59.43	35.16	3.49	27.52	55.28	74.00	-18.72	PK
	H	2400	50.00	35.16	3.49	27.52	45.85	54.00	-8.15	AV
	V	2390	58.31	35.17	3.48	27.49	54.11	74.00	-19.89	PK
	V	2390	49.65	35.17	3.48	27.49	45.45	54.00	-8.55	AV
	V	2400	59.92	35.16	3.49	27.52	55.77	74.00	-18.23	PK
	V	2400	50.14	35.16	3.49	27.52	45.99	54.00	-8.01	AV
	High Channel: 2480MHz									
	H	2483.5	57.58	35.11	3.56	27.75	53.78	74.00	-20.22	PK
	H	2483.5	48.78	35.11	3.56	27.75	44.98	54.00	-9.02	AV
	H	2500	58.89	35.10	3.57	27.80	55.16	74.00	-18.84	PK
	H	2500	49.58	35.10	3.57	27.80	45.85	54.00	-8.15	AV
	V	2483.5	58.28	35.11	3.56	27.75	54.48	74.00	-19.52	PK
	V	2483.5	50.40	35.11	3.56	27.75	46.60	54.00	-7.40	AV
	V	2500	58.52	35.10	3.57	27.80	54.79	74.00	-19.21	PK
	V	2500	49.54	35.10	3.57	27.80	45.81	54.00	-8.19	AV

Remark:
1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit

Test Frequency : 30MHz ~ 1GHz

Right ear headphones:

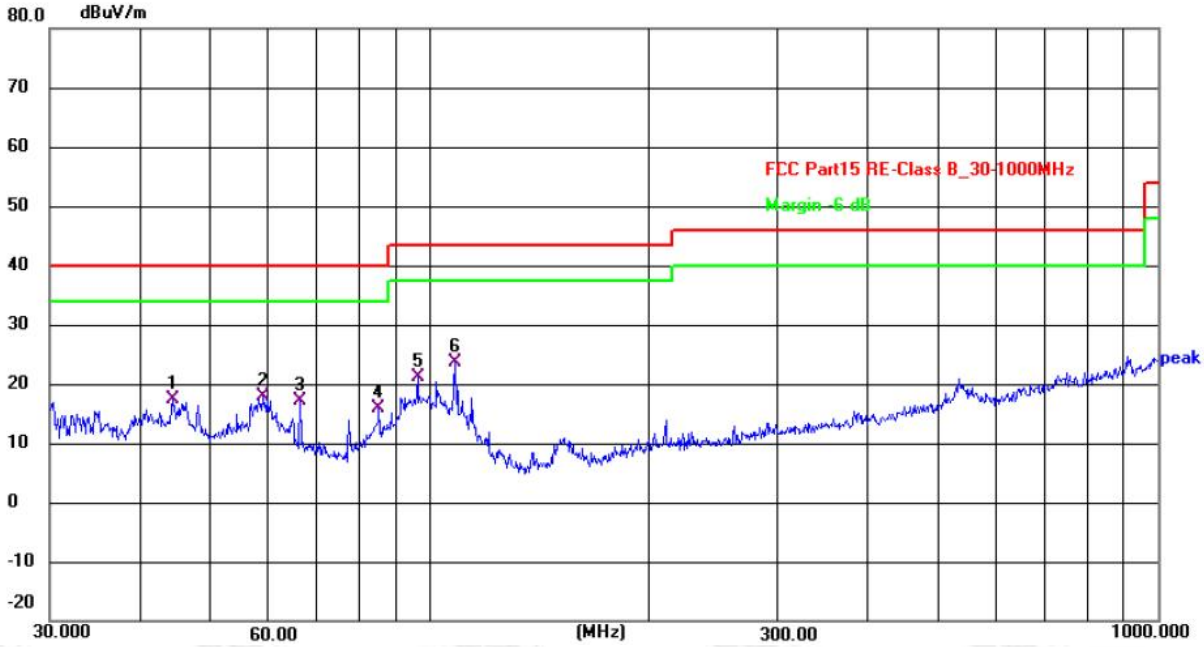
Radiation Emission Test Data			
Temperature:	25.1℃	Relative Humidity:	56%
Pressure:	1008hPa	Phase :	Horizontal
Test Voltage :	DC 3.8V	Test Mode	GFSK(CH00)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	32.5197	29.74	-16.36	13.38	40.00	-26.62	QP
2	44.1202	27.58	-14.45	13.13	40.00	-26.87	QP
3	56.7917	26.97	-14.76	12.21	40.00	-27.79	QP
4	66.2661	28.76	-16.95	11.81	40.00	-28.19	QP
5	108.2666	31.59	-15.71	15.88	43.50	-27.62	QP
6	210.7860	33.54	-16.00	17.54	43.50	-25.96	QP

Note:
1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
Emission Level = Reading + Factor
Margin=Emission Level-Limit
2. All the modes have tested and recorded the worst mode(GFSK) in the report

Radiation Emission Test Data			
Temperature:	25.1℃	Relative Humidity:	56%
Pressure:	1008hPa	Phase :	Vertical
Test Voltage :	DC 3.8V	Test Mode	GFSK(CH00)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	44.2752	31.91	-14.42	17.49	40.00	-22.51	QP
2	58.8185	32.72	-14.92	17.80	40.00	-22.20	QP
3	66.2661	34.20	-16.95	17.25	40.00	-22.75	QP
4	84.9993	35.06	-19.17	15.89	40.00	-24.11	QP
5	96.0985	38.03	-16.82	21.21	43.50	-22.29	QP
6	108.2666	39.34	-15.71	23.63	43.50	-19.87	QP

Note:
1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
Emission Level = Reading + Factor
Margin=Emission Level-Limit
2. All the modes have tested and recorded the worst mode(GFSK) in the report

Right ear headphones:

GFSK

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Low Channel:2402MHz									
V	4804.00	48.92	34.12	5.03	32.39	52.22	74.00	-21.78	Pk
V	4804.00	39.02	34.12	5.03	32.39	42.32	54.00	-11.68	AV
V	7206.00	44.78	32.54	6.29	35.86	54.39	74.00	-19.61	Pk
V	7206.00	37.38	32.54	6.29	35.86	46.99	54.00	-7.01	AV
V	9608.00	46.75	32.98	7.55	38.40	59.72	74.00	-14.28	Pk
V	9608.00	31.19	32.98	7.55	38.40	44.16	54.00	-9.84	AV
V	12010.00	44.82	32.09	8.93	39.00	60.66	74.00	-13.34	Pk
V	12010.00	29.37	32.09	8.93	39.00	45.21	54.00	-8.79	AV
H	4804.00	48.54	34.12	5.03	32.39	51.84	74.00	-22.16	Pk
H	4804.00	39.87	34.12	5.03	32.39	43.17	54.00	-10.83	AV
H	7206.00	45.75	32.54	6.29	35.86	55.36	74.00	-18.64	Pk
H	7206.00	35.80	32.54	6.29	35.86	45.41	54.00	-8.59	AV
H	9608.00	47.70	32.98	7.55	38.40	60.67	74.00	-13.33	Pk
H	9608.00	31.68	32.98	7.55	38.40	44.65	54.00	-9.35	AV
H	12010.00	36.41	32.09	8.93	39.00	52.25	74.00	-21.75	Pk
H	12010.00	27.55	32.09	8.93	39.00	43.39	54.00	-10.61	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
Middle Channel:2441MHz									
V	4882.00	50.54	34.07	5.09	32.59	54.15	74.00	-19.85	Pk
V	4882.00	38.20	34.07	5.09	32.59	41.81	54.00	-12.19	AV
V	7323.00	43.15	32.63	6.34	35.96	52.82	74.00	-21.18	Pk
V	7323.00	31.73	32.63	6.34	35.96	41.40	54.00	-12.60	AV
V	9764.00	40.04	32.92	7.59	38.40	53.11	74.00	-20.89	Pk
V	9764.00	28.10	32.92	7.59	38.40	41.17	54.00	-12.83	AV
V	12205.00	39.61	31.96	8.88	39.04	55.57	74.00	-18.43	Pk
V	12205.00	26.22	31.96	8.88	39.04	42.18	54.00	-11.82	AV
H	4882.00	46.38	34.07	5.09	32.59	49.99	74.00	-24.01	Pk
H	4882.00	37.22	34.07	5.09	32.59	40.83	54.00	-13.17	AV
H	7323.00	41.64	32.63	6.34	35.96	51.31	74.00	-22.69	Pk
H	7323.00	30.51	32.63	6.34	35.96	40.18	54.00	-13.82	AV
H	9764.00	37.15	32.92	7.59	38.40	50.22	74.00	-23.78	Pk
H	9764.00	27.74	32.92	7.59	38.40	40.81	54.00	-13.19	AV
H	12205.00	38.84	31.96	8.88	39.04	54.80	74.00	-19.20	Pk
H	12205.00	29.19	31.96	8.88	39.04	45.15	54.00	-8.85	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector Type
High Channel:2480MHz									
V	4960.00	49.08	34.02	5.15	32.80	53.01	74.00	-20.99	Pk
V	4960.00	35.18	34.02	5.15	32.80	39.11	54.00	-14.89	AV
V	7440.00	42.29	32.71	6.40	36.05	52.03	74.00	-21.97	Pk
V	7440.00	33.06	32.71	6.40	36.05	42.80	54.00	-11.20	AV
V	9920.00	43.87	32.86	7.62	38.40	57.03	74.00	-16.97	Pk
V	9920.00	29.36	32.86	7.62	38.40	42.52	54.00	-11.48	AV
V	12400.00	41.45	31.82	8.84	39.08	57.55	74.00	-16.45	Pk
V	12400.00	26.41	31.82	8.84	39.08	42.51	54.00	-11.49	AV
H	4960.00	47.08	34.02	5.15	32.80	51.01	74.00	-22.99	Pk
H	4960.00	38.50	34.02	5.15	32.80	42.43	54.00	-11.57	AV
H	7440.00	43.28	32.71	6.40	36.05	53.02	74.00	-20.98	Pk
H	7440.00	33.84	32.71	6.40	36.05	43.58	54.00	-10.42	AV
H	9920.00	42.27	32.86	7.62	38.40	55.43	74.00	-18.57	Pk
H	9920.00	32.16	32.86	7.62	38.40	45.32	54.00	-8.68	AV
H	12400.00	40.36	31.82	8.84	39.08	56.46	74.00	-17.54	Pk
H	12400.00	27.55	31.82	8.84	39.08	43.65	54.00	-10.35	AV

Note: 1. The testing has been conformed to 10*2480MHz=24800MHz.
2. All other emissions more than 30dB below the limit.
3. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
Emission Level = Reading + Factor
Margin=Emission Level-Limit
4. All the modes have tested and recorded the worst mode(GFSK) in the report

Radiated Band Emission Measurement:

	Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type
GFSK	Low Channel: 2402MHz									
	H	2390	58.15	35.17	3.48	27.49	53.95	74.00	-20.05	PK
	H	2390	49.75	35.17	3.48	27.49	45.55	54.00	-8.45	AV
	H	2400	60.06	35.16	3.49	27.52	55.91	74.00	-18.09	PK
	H	2400	49.90	35.16	3.49	27.52	45.75	54.00	-8.25	AV
	V	2390	58.10	35.17	3.48	27.49	53.90	74.00	-20.10	PK
	V	2390	49.55	35.17	3.48	27.49	45.35	54.00	-8.65	AV
	V	2400	60.03	35.16	3.49	27.52	55.88	74.00	-18.12	PK
	V	2400	50.26	35.16	3.49	27.52	46.11	54.00	-7.89	AV
	High Channel: 2480MHz									
	H	2483.5	58.10	35.11	3.56	27.75	54.30	74.00	-19.70	PK
	H	2483.5	48.55	35.11	3.56	27.75	44.75	54.00	-9.25	AV
	H	2500	58.79	35.10	3.57	27.80	55.06	74.00	-18.94	PK
	H	2500	50.06	35.10	3.57	27.80	46.33	54.00	-7.67	AV
	V	2483.5	58.53	35.11	3.56	27.75	54.73	74.00	-19.27	PK
	V	2483.5	50.47	35.11	3.56	27.75	46.67	54.00	-7.33	AV

	V	2500	59.03	35.10	3.57	27.80	55.30	74.00	-18.70	PK
	V	2500	49.84	35.10	3.57	27.80	46.11	54.00	-7.89	AV
π/4-DQPSK	Low Channel: 2402MHz									
	H	2390	57.80	35.17	3.48	27.49	53.60	74.00	-20.40	PK
	H	2390	49.95	35.17	3.48	27.49	45.75	54.00	-8.25	AV
	H	2400	60.08	35.16	3.49	27.52	55.93	74.00	-18.07	PK
	H	2400	50.22	35.16	3.49	27.52	46.07	54.00	-7.93	AV
	V	2390	57.77	35.17	3.48	27.49	53.57	74.00	-20.43	PK
	V	2390	49.92	35.17	3.48	27.49	45.72	54.00	-8.28	AV
	V	2400	59.93	35.16	3.49	27.52	55.78	74.00	-18.22	PK
	V	2400	49.51	35.16	3.49	27.52	45.36	54.00	-8.64	AV
	High Channel: 2480MHz									
	H	2483.5	58.07	35.11	3.56	27.75	54.27	74.00	-19.73	PK
	H	2483.5	48.34	35.11	3.56	27.75	44.54	54.00	-9.46	AV
	H	2500	59.39	35.10	3.57	27.80	55.66	74.00	-18.34	PK
	H	2500	50.03	35.10	3.57	27.80	46.30	54.00	-7.70	AV
	V	2483.5	58.74	35.11	3.56	27.75	54.94	74.00	-19.06	PK
	V	2483.5	50.43	35.11	3.56	27.75	46.63	54.00	-7.37	AV
	V	2500	58.71	35.10	3.57	27.80	54.98	74.00	-19.02	PK
	V	2500	49.99	35.10	3.57	27.80	46.26	54.00	-7.74	AV
8DPSK	Low Channel: 2402MHz									
	H	2390	58.46	35.17	3.48	27.49	54.26	74.00	-19.74	PK
	H	2390	50.29	35.17	3.48	27.49	46.09	54.00	-7.91	AV
	H	2400	59.88	35.16	3.49	27.52	55.73	74.00	-18.27	PK
	H	2400	49.60	35.16	3.49	27.52	45.45	54.00	-8.55	AV
	V	2390	57.83	35.17	3.48	27.49	53.63	74.00	-20.37	PK
	V	2390	50.00	35.17	3.48	27.49	45.80	54.00	-8.20	AV
	V	2400	59.34	35.16	3.49	27.52	55.19	74.00	-18.81	PK
	V	2400	50.05	35.16	3.49	27.52	45.90	54.00	-8.10	AV
	High Channel: 2480MHz									
	H	2483.5	57.73	35.11	3.56	27.75	53.93	74.00	-20.07	PK
	H	2483.5	48.35	35.11	3.56	27.75	44.55	54.00	-9.45	AV
	H	2500	59.12	35.10	3.57	27.80	55.39	74.00	-18.61	PK
	H	2500	49.44	35.10	3.57	27.80	45.71	54.00	-8.29	AV
	V	2483.5	58.54	35.11	3.56	27.75	54.74	74.00	-19.26	PK
	V	2483.5	50.32	35.11	3.56	27.75	46.52	54.00	-7.48	AV
	V	2500	59.08	35.10	3.57	27.80	55.35	74.00	-18.65	PK
	V	2500	49.69	35.10	3.57	27.80	45.96	54.00	-8.04	AV

Remark:
1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit

4. Maximum Peak Output Power

4.1. Limit

Test Requirement: FCC CFR47 Part 15 Section 15.247
Test Method: KDB 558074 D01 15.247 Meas Guidance v05 August 24, 2018;
ANSI C63.10-2020+Cor 1+2023

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3)	Peak Output Power	1 watt or 21dBm	2400-2483.5	PASS

For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.
RSS-247 § 5.4
For FHSs operating in the band 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1.0 W if the hopset uses 75 or more hopping channels; the maximum peak conducted output power shall not exceed 0.125 W if the hopset uses less than 75 hopping channels. The e.i.r.p. shall not exceed 4 W.

4.2. Test Setup

4.3. Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above,
2. Spectrum Setting:
   RBW > the 20 dB bandwidth of the emission being measured
   Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel
   VBW ≥ RBW
   Sweep = auto
   Detector function = peak
   Trace = max hold

4.4. Test Result

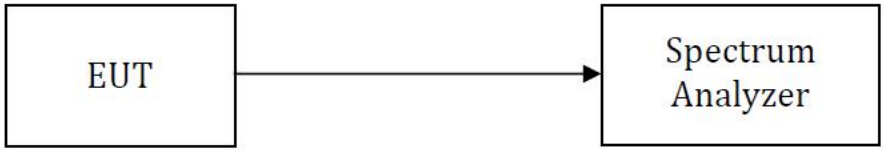
Please see the attachment for data.

5. -20 dB Bandwidth Measurement

5.1. Limit

Test Requirement: FCC CFR47 Part 15 Section 15.247
Test Method: KDB 558074 D01 15.247 Meas Guidance v05 August 24, 2018; ANSI C63.10-2020+Cor 1+2023

5.2. Test Setup



5.3. Test Procedure

For 20dB Bandwidth Measurement
Using the following spectrum analyzer settings:
1. Span= approximately 2 to 3 times the 20dB bandwidth, centered on a hopping channel.
2. Set the RBW = 30 kHz.
3. Set the VBW = 100 kHz.
4. Sweep time = auto couple.
5. Detector function = peak.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.

For 99% Bandwidth Measurement
1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum;
2. Set the spectrum analyzer: RBW = 1%-5% OBW, VBW ≥ 3RBW

5.4. Test Result

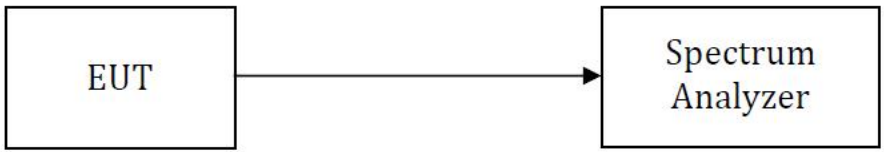
Please see the attachment for data.

6. Carrier Frequency Separation Test

6.1. Limit

Test Standard	FCC Part15 C Section 15.247 (a)(1)
Test Limit	>25KHz or >two-thirds of the 20 dB bandwidth

6.2. Test Setup



6.3. Test Procedure

The EUT must have its hopping function enabled. Using the following spectrum analyzer settings:
1. Span= Wide enough to capture the peaks of two adjacent channels
2. Set the RBW = 300 kHz.
3. Set the VBW = 1 MHz.
4. Sweep time = auto couple.
5. Detector function = peak.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.

6.4. Test Result

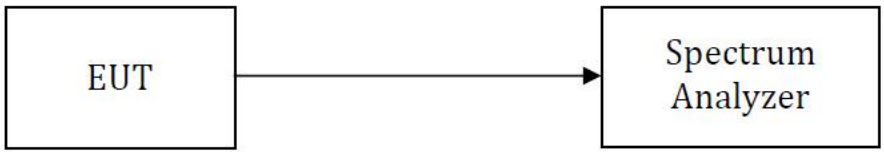
Please see the attachment for data.

7. Number of Hopping Channel Test

7.1. Limit

Test Standard	FCC Part15 C Section 15.247 (a)(1)(iii)
Test Limit	>15 channels

7.2. Test Setup



7.3. Test Procedure

The EUT must have its hopping function enabled. Using the following spectrum analyzer settings:
1. Span= Wide enough to capture the peaks of two adjacent channels
2. Set the RBW = 100 kHz.
3. Set the VBW = 300 kHz.
4. Sweep time = auto couple.
5. Detector function = peak.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.

7.4. Test Result

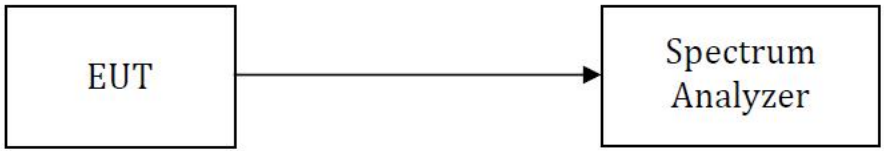
Please see the attachment for data.

8. Dwell Time Test

8.1. Limit

Test Standard	FCC Part15 C Section 15.247 (a)(1)(iii)
Test Limit	0.4 sec

8.2. Test setup



8.3. Test Procedure

The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:
1. Span= zero span, centered on a hopping channel
2. Set the RBW = 1 MHz.
3. Set the VBW = 1 MHz.
4. Sweep time = as necessary to capture the entire dwell time per hopping channel.
5. Detector function = peak.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.
8.The burst width [ms/hop/ch], which is directly measured, refers to the duration on one channel hop.
The hops per second for all channels: The selected EUT Conf uses a slot type of 5-Tx&1-Rx and a Hopping rate of 1600 [ch*hop/s] for all channels. So the final hopping rate for all channels is 1600/6=266.67 [ch*hop/s]
The hops per second on one channel: 266.67 [ch*hops/s]/79 [ch]=3.38 [hop/s].
The total hops for all channels within the dwell time calculation
duration: 3.38 [hop/s]*31.6[s*ch]=106.67[hop*ch].
The dwell time for all channels hopping: 106.67 [hop*ch]*Burst Width [ms/hop/ch].
9.The duration for dwell time calculation: 0.4[s]*hopping number=0.4[s]*79[ch]=31.6[s*ch].
10.Pulse Time(ms)*Total Hops=Dwell Time

8.4. Test Result

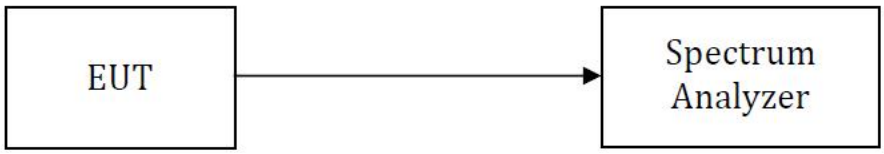
Please see the attachment for data.

9. Conducted Spurious Emissions and Band Edge Requirement

9.1. Limit

Test Standard	FCC Part15 C Section 15.247 (d)
Test Limit	in any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in 15.209(a).

9.2. Test Setup



9.3. Test Procedure

The EUT must have its hopping/Non-hopping function enabled. Using the following spectrum analyzer setting:
1. Set the RBW = 100kHz.
2. Set the VBW = 300kHz.
3. Sweep time = auto couple.
4. Detector function = peak.
5. Trace mode = max hold.
6. Allow trace to fully stabilize.

9.4. Test Result

Please see the attachment for data.

10. Antenna Requirement

10.1. Test Standard and Requirement

Test Standard	FCC Part15 Section 15.203 /247(b)(4)
Requirement	1) 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 2) 15.247(b) (4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

10.2. Antenna Connected Construction

The antenna is Chip antenna which permanently attached, and the best case gain of the antenna is 3.56 dBi. It complies with the standard requirement.

11. TEST SETUP & EUT PHOTOGRAPH

Please see the attachment for details.

---------- End of Report ----------